

## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application:

1. (currently amended) A vane pump comprising:

comprises of a casing (1);

a rotor disposed in said casing, said rotor including with vanes and shaft (2); two lids (4), two end stops (5) and two supports (6 and 7), characterized by the insertion of; and

a movable sleeve (3) disposed about said rotor and movably within said casing, said sleeve including with two a plurality of circulation channels (b) and two a plurality of apertures (a) with their ends slanted, said apertures having their ends slanted relative to said vanes which, when axially and angularly (arcuately) moved, causes the change of the fluid flow.

2. (new) A vane pump as set forth in claim 1 wherein a plurality of end stops abut said rotor.

3. (new) A vane pump as set forth in claim 1 wherein a plurality of supports abut said rotor.

4. (new) A vane pump, comprising a casing, a rotor with vanes and shaft, two lids, two end stops, two supports, and a sleeve disposed about said rotor and within said casing, said sleeve and said casing together defining a plurality of circulation channels therebetween, said casing having a plurality of apertures, said apertures having slanted ends, said sleeve being movable relative to said casing to place said ends of said apertures in variable relation to said circulation channels.